

BELT JOINT ADHESIVE

ABSTRACT OF THE DISCLOSURE

An adhesive for use in coated abrasive belt joints includes a blocked isocyanate, urethane system. The blocking agent can include phenols, oximes, alcohols, caprolactam, and diethyl malonate. The adhesive can be crosslinked with amine or alcohol.

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- A coated abrasive belt is formed by attaching a plurality of abrasive particles to a first surface of a backing layer. A size coat is deposited over the abrasive particles to form a coated abrasive. The coated abrasive is cut to form a strip having a first end and a second end. The ends of the strip are joined with an adhesive including a blocked isocyanate, urethane system.